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SEQUENCE LISTING

<110> Ayalon, Michal  
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Diber, Alex  
Levine, Zurit  
Nemzer, Sergey  
Dahary, Dvir  
Sorek, Rotem  
Levanon, Erez  
Rotman, Galit  
Savitsky, Kineret  
Chermesh, Chen  
Mintz, Liat  
Freilich, Shiri  
Beck, Nili  
Zhu, Wei-Yong  
Wasserman, Alon  
Azar, Idit  
Bernstein, Jeanne

<120> NOVEL POLYNUCLEOTIDES ENCODING SOLUBLE POLYPEPTIDES AND METHODS USING  
SAME

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<170> PatentIn version 3.2

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Ser Lys Glu Ala Leu Ala Glu Asn Asn Leu Asn Leu Pro Lys Met Ala  
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Val Lys Ile Ile Thr Gly Leu Leu Glu Phe Glu Val Tyr Leu Glu Tyr  
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Ser Ser Phe Pro Gln Leu Gly Val Gly Glu Asp Arg Leu Lys Asp Ser  
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Leu Phe Arg Ala Ala Arg Lys Leu Arg Gln Phe Leu Lys Met Asn Ser  
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Thr Gly Asp Phe Asp Leu His Leu Leu Lys Val Ser Glu Gly Thr Thr  
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Ile Leu Leu Asn Cys Thr Gly Gln Val Lys Gly Arg Lys Pro Ala Ala  
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Thr Lys Lys Gly Cys Lys Asp Cys Cys Phe Gly Thr Phe Asn Asp Gln  
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 35 40 45

Phe Gly Phe Ala Val Asp Phe Phe Val Pro Ser Ala Ser Ser Arg Met  
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Phe Leu Leu Val Gly Ala Pro Lys Ala Asn Thr Thr Gln Pro Gly Ile  
 65 70 75 80

Val Glu Gly Gly Gln Val Leu Lys Cys Asp Trp Ser Ser Thr Arg Arg  
 85 90 95

Cys Gln Pro Ile Glu Phe Asp Ala Thr Gly Asn Arg Asp Tyr Ala Lys  
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Asp Asp Pro Leu Glu Phe Lys Ser His Gln Trp Phe Gly Ala Ser Val  
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Arg Ser Lys Gln Asp Lys Ile Leu Ala Cys Ala Pro Leu Tyr His Trp  
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Arg Thr Glu Met Lys Gln Glu Arg Glu Pro Val Gly Thr Cys Phe Leu  
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Gln Asp Gly Thr Lys Thr Val Glu Tyr Ala Pro Cys Arg Ser Gln Asp  
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Ile Asp Ala Asp Gly Gln Gly Phe Cys Gln Gly Gly Phe Ser Ile Asp  
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Phe Thr Lys Ala Asp Arg Val Leu Leu Gly Gly Pro Gly Ser Phe Tyr  
 195 200 205

Trp Gln Gly Gln Leu Ile Ser Asp Gln Val Ala Glu Ile Val Ser Lys  
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Tyr Asp Pro Asn Val Tyr Ser Ile Lys Tyr Asn Asn Gln Leu Ala Thr  
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Arg Thr Ala Gln Ala Ile Phe Asp Asp Ser Tyr Leu Gly Tyr Ser Val  
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Ala Val Gly Asp Phe Asn Gly Asp Gly Ile Asp Asp Phe Val Ser Gly  
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Val Pro Arg Ala Ala Arg Thr Leu Gly Met Val Tyr Ile Tyr Asp Gly  
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Lys Asn Met Ser Ser Leu Tyr Asn Phe Thr Gly Glu Gln Met Ala Ala  
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Tyr Phe Gly Phe Ser Val Ala Ala Thr Asp Ile Asn Gly Asp Asp Tyr  
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Gly Lys Leu Gln Glu Val Gly Gln Val Ser Val Ser Leu Gln Arg Ala  
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Ser Gly Asp Phe Gln Thr Thr Lys Leu Asn Gly Phe Glu Val Phe Ala  
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Arg Phe Gly Ser Ala Ile Ala Pro Leu Gly Asp Leu Asp Gln Asp Gly



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26

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Leu Ala Ala Val Glu Ile Arg Gly Val Ser Ser Pro Asp His Ile Phe  
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 Asn Leu Thr Phe Thr Ala Gln Tyr Leu Ser Tyr Arg Ile Phe Gln Asp  
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 Lys Cys Met Asn Thr Thr Leu Thr Glu Cys Asp Phe Ser Ser Leu Ser  
 65 70 75 80  
 Lys Tyr Gly Asp His Thr Leu Arg Val Arg Ala Glu Phe Ala Asp Glu  
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 Ile Gly Pro Pro Gly Met Gln Val Glu Val Leu Ala Asp Ser Leu His  
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 Met Arg Phe Leu Ala Pro Lys Ile Glu Asn Glu Tyr Glu Thr Trp Thr  
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 Met Lys Asn Val Tyr Asn Ser Trp Thr Tyr Asn Val Gln Tyr Trp Lys  
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 Asn Gly Thr Asp Glu Lys Phe Gln Ile Thr Pro Gln Tyr Asp Phe Glu  
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 Val Leu Arg Asn Leu Glu Pro Trp Thr Thr Tyr Cys Val Gln Val Arg  
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Gln Lys Thr Gly Met Asp Asn Trp Ile Lys Leu Ser Gly Cys Gln Asn  
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Ile Thr Ser Thr Lys Cys Asn Phe Ser Ser Leu Lys Leu Asn Val Tyr  
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Glu Glu Ile Lys Leu Arg Ile Arg Ala Glu Lys Glu Asn Thr Ser Ser  
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Trp Tyr Glu Val Asp Ser Phe Thr Pro Phe Arg Lys Ala Gln Ile Gly  
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Pro Pro Glu Val His Leu Glu Ala Glu Asp Lys Ala Ile Val Ile His  
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Ile Ser Pro Gly Thr Lys Asp Ser Val Met Trp Ala Leu Asp Gly Leu  
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Ser Phe Thr Tyr Ser Leu Val Ile Trp Lys Asn Ser Ser Gly Val Glu  
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Ile Lys Phe Asp Thr Glu Ile Gln Ala Phe Leu Leu Pro Pro Val Phe  
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&lt;213&gt; Homo sapiens

&lt;400&gt; 42

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&lt;210&gt; 43

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&lt;212&gt; DNA

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&lt;400&gt; 43

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